CLAIMS

I Claim:

1   1.   A method of providing localized information to a user accessing an internet site through
2   an access point, comprising:
3   a.   determining an address corresponding to the access point;
4   b.   obtaining location information corresponding to the address from a location table;
5   c.   obtaining localized information using the location information; and
6   d.   providing the localized information to the user through the access point.

1   2.   The method as claimed in claim 1 wherein the address is an internet protocol address.

1   3.   The method as claimed in claim 1 further comprising generating an entry in the location
2   table including the address and corresponding location information.

1   4.   The method as claimed in claim 3 further comprising obtaining the corresponding
2   location information from the access point.

1   5.   The method as claimed in claim 1 wherein the localized information includes one or more
2   of weather, news, traffic information and information regarding nearby points of interest.

1   6.   The method as claimed in claim 1 wherein the internet site is provided by an internet
2   server.

1   7.   The method as claimed in claim 1 wherein the internet site is provided by an internet
2   portal.

1   8.   The method as claimed in claim 1 wherein the localized information is obtained from a

2   localized information database.

1   9.   A method of generating a location table corresponding to locations of access points,

2   comprising:

3   a.   obtaining an address of the access point from a communication received from the

4   access point;

5   b.   obtaining location information corresponding to a physical location of the access

6   point;

7   c.   generating an entry within the location table including the address and the location

8   information; and

9   d.   repeating a-c for a first communication from each access point.

1   10.   The method as claimed in claim 9 wherein the address is an internet protocol address.

1   11.   The method as claimed in claim 9 wherein the communication is received at an internet

2   site.

1   12.   The method as claimed in claim 11 wherein the internet site is provided by an internet

2   server.

1   13.   The method as claimed in claim 11 wherein the internet site is provided by an internet

2   portal.

1   14.   An apparatus to provide an internet site and capable of being accessed through an access

2   point comprising:

3   a.   a location table including a plurality of entries each having an address and

4   location information corresponding to an access point; and

5   b.   a localized information database coupled to the location table to provide localized

6   information based on the location information.

1   15.   The apparatus as claimed in claim 14 wherein the address is an internet protocol address.

1   16.   The apparatus as claimed in claim 14 further comprising a controller coupled to the

2   location table and the localized information database for generating an entry in the location table

3   including the address and corresponding location information.

1   17.   The apparatus as claimed in claim 16 wherein the controller obtains the location

2   information from the access point.

1   18.   The apparatus as claimed in claim 14 wherein the localized information includes one or

2   more of weather, news, traffic information and information regarding nearby points of interest.

1   19.   The apparatus as claimed in claim 14 wherein the apparatus is within an internet server.

1   20.   The apparatus as claimed in claim 14 wherein the apparatus is within an internet portal.

1   21.   An apparatus for providing an internet site and capable of being accessed through an

2   access point comprising:

3   a.   a first means for maintaining a plurality of entries each having an address and

4   location information corresponding to an access point; and

5   b.   a second means for maintaining a localized information database coupled to the

6   first means for maintaining for providing localized information based on the

7   location information.

1   22.   The apparatus as claimed in claim 21 wherein the address is an internet protocol address.

1   23.   The apparatus as claimed in claim 21 further comprising a means for controlling coupled

2   to the first means for maintaining and to the second means for maintaining for generating an

3   entry in the first means for maintaining including the address and corresponding location

4   information.

1   24.   The apparatus as claimed in claim 23 wherein the means for controlling obtains the

2   location information from the access point.

1   25.   The apparatus as claimed in claim 21 wherein the localized information includes one or

2   more of weather, news, traffic information and information regarding nearby points of interest.

1   26.   The apparatus as claimed in claim 21 wherein the apparatus is within an internet server.

1   27.   The apparatus as claimed in claim 21 wherein the apparatus is within an internet portal.

1   28.   A location table maintained by an internet site for providing localized information to

2   users through an access point comprising a plurality of entries, each entry including:

3   a.   an address corresponding to the access point; and

4   b.   location information corresponding to the access point.

1   29.   The location table as claimed in claim 28 wherein the address is an internet protocol

2   address.

1   30.   The location table as claimed in claim 28 wherein the internet site is provided by an

2   internet server.

1   31.   The location table as claimed in claim 28 wherein the internet site is provided by an

2   internet portal.

1   32.   The location table as claimed in claim 28 wherein the location information is a physical

2   location of the access point.

1   33.   A network of devices comprising:

2   a.   one or more access points to provide access to an internet site;

3   b.   one or more internet access systems, each capable of communicating with the one

4   or more access points to access the internet site through the access point;

5   c.   an apparatus to provide the internet site and capable of being accessed through the

6   one or more access points comprising:

7   i.   a location table including a plurality of entries each having an address and

8   location information corresponding to an appropriate one of the access

9   points; and

10   ii.   a localized information database coupled to the location table to provide

11   localized information based on the location information.

1   34.   The network of devices as claimed in claim 33 wherein the access points are wireless

2   access points.

1   35.   The network of devices as claimed in claim 33 wherein the one or more internet access

2   systems are one or more of a portable computer, a cellular telephone and a personal digital

3   assistant device.

1   36.   The network of devices as claimed in claim 33 wherein the address is an internet protocol

2   address.

1   37.   The network of devices as claimed in claim 33 wherein the apparatus to provide the

2   internet site further comprises a controller coupled to the location table and the localized

3   information database for generating an entry in the location table including the address and

4   corresponding location information after receiving a first communication from an access point.

1   38.   The network of devices as claimed in claim 37 wherein the controller obtains the location

2   information from the access point.

1   39.   The network of devices as claimed in claim 33 wherein the localized information includes

2   one or more of weather, news, traffic information and information regarding nearby points of

3   interest.

1   40.   The network of devices as claimed in claim 33 wherein the apparatus to provide the

2   internet site is within an internet server.

1   41.   The network of devices as claimed in claim 33 wherein the apparatus to provide the

2   internet site is within an internet portal.